



## Information & Knowledge Management



- Economics, Planning & Development 
- Business Strategy & Finance 
- Community Research & Strategy 
- Design, Marketing & Advertising 

*A leading Australian consulting group recognised through the success of our clients*

*“IT systems are evolutionary organisms. Technology, capability and demands all evolve and so must solutions.”*

## Information & Knowledge Management

Our *Information & Knowledge Management* team provides a boutique service supporting both internal and external clients with their data storage, process, manipulation and analysis requirements either as components of other *AECgroup* projects or standalone engagements. In almost all cases we design and develop a complete solution based on the web paradigm using our own or third party hosting solutions.

Our IT services extend primarily to database construction, programming, interface design as well as full system design, hardware and software evaluation and selection, installation, and security and network support. We also work hand in hand with our *Design, Marketing & Advertising* team using their designs for web site front ends.

## Experience

*Information & Knowledge Management* have extensive experience in the development of web solutions that feature a relational backend database, accessed by an administration interface (intranet) and delivering content to customers via a browser interface.

This experience has been accumulated by a stable development team consisting of business economists and IT professionals that has been together for eight years and which has delivered many technically complex solutions involving back end databases and web interface front ends.

*“Our business economists understand the business problem, craft a solution and then work with our programmers to deliver that solution.”*



# Clients

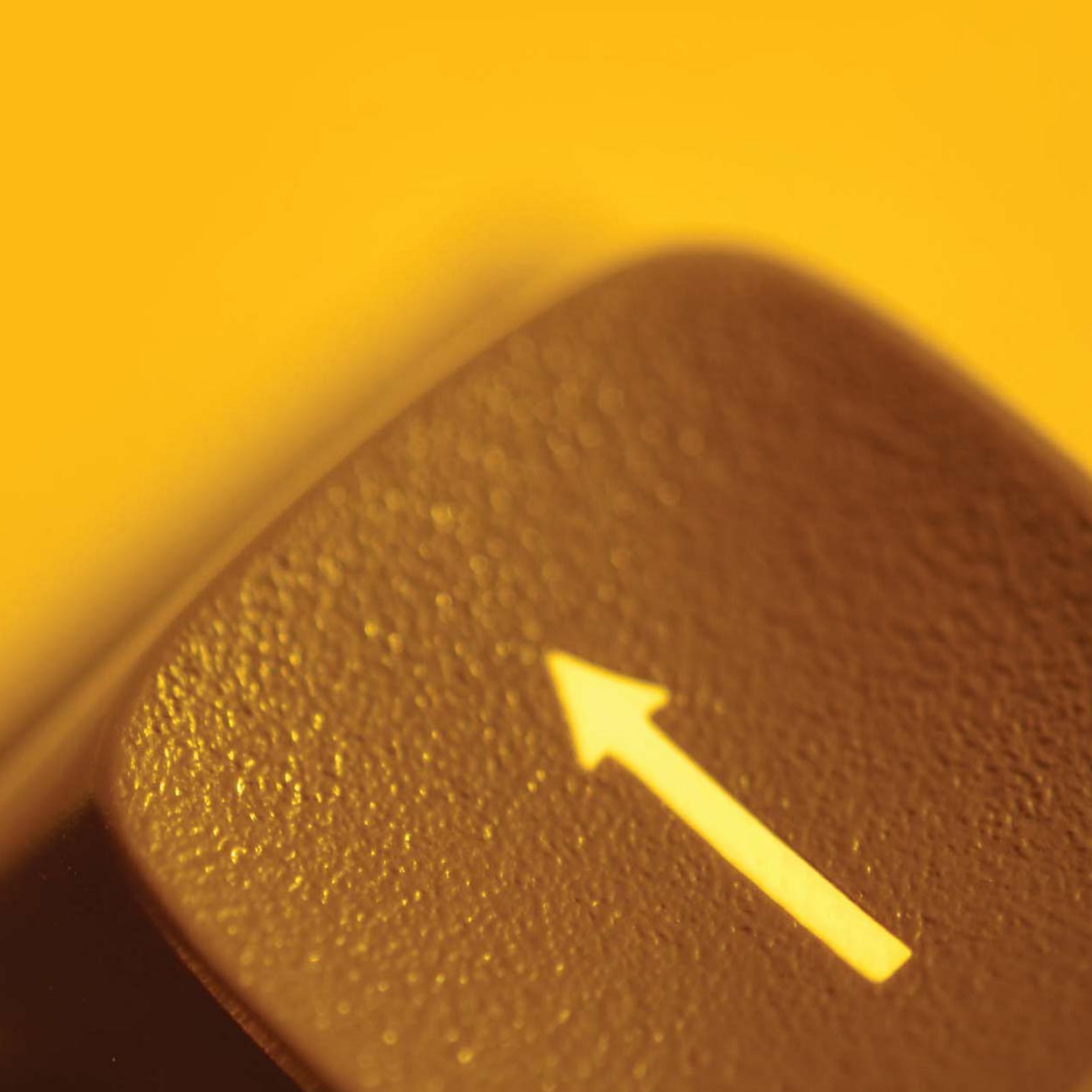
Our clients range in size from small business through to State Governments. In almost all cases our clients are seeking IT solutions to capture, validate, manipulate and add value to information.

Our boutique nature and retention of a small client base has enabled us to develop long lasting relationships and responsive support levels. Generally we only provide services to those customers that recognise that IT investments evolve and require constant maintenance and enhancement - much like human capital.

*“The logistical benefits alone are enormous - a large proportion of enquiries from our clients used to be systems based. The thin client system designed by AECgroup enables us to spend more time dealing with our clients on business issues rather than technical ones. But the real benefit will come in later stages of the system when on-line interstate comparisons are available.”*

**Alan Simpson**

*Chair WACA Management Committee & Director  
Office of the Public Service Commissioner  
Queensland Government*



# Information & Knowledge Management Services

## Business analysis

- Process blueprinting
- Functional specification
- Detailed design
- Tender specification
- Solution evaluation

## Programming

- Microsoft ASP
- Microsoft .NET
- C++
- HTML
- PHP
- Cognos

## Hardware & Software

- System design
- Hardware specification
- Software testing
- Big screen displays

## Database

- Design and implementation
- Data warehousing
- Relational
- Time series
- Query writing
- Microsoft Access
- Microsoft SQL Server
- MySQL
- PostgreSQL

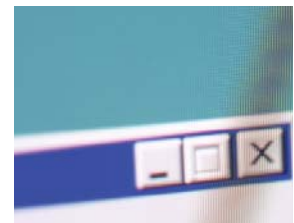
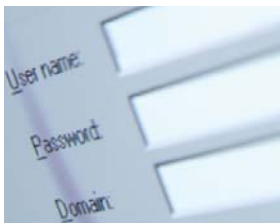
## Applications

- Internet
- Intranet
- Standalone

## IT Support

- Hardware support
- Software support
- Network support

*“Information storage and access should ebb and flow in a regular uninterrupted fashion like waves washing upon a beach.”*



# Case Study: Workforce Analysis and Comparison Application

## All Australian State Governments and the Australian Capital Territory

The Workforce Analysis and Comparison Application (WACA) is a web based database application that allows for the uploading of public sector workforce data, validation of that data and reporting. The *AECgroup* has been a key player in the development of the Workforce Analysis and Comparison Application (WACA) and its predecessors for just over ten years. During this time the WACA and the number of jurisdictions and users has grown considerably to the extent that the WACA is now a critical government HR reporting tool.

The total number of jurisdictional users now numbers seven, representing over one million records that are uploaded every quarter. In addition to programming and application support, the *AECgroup* also provides maintenance support for the WACA servers (development server, web server, database server and two Cognos reporting servers) located at WebCentral.

<b>Brisbane</b>	Level 5, 131 Leichhardt Street Spring Hill QLD 4000	PO Box 942 Spring Hill QLD 4004	T +61 7 3831 0577 F +61 7 3831 3899
<b>Melbourne</b>	Level 27, 101 Collins Street Melbourne VIC 3000		T +61 3 9653 9312 F +61 3 9643 9307
<b>Sydney</b>	Level 6, 234 Sussex Street Sydney NSW 2000		T +61 2 8223 3874 F +61 2 8223 3871
<b>Townsville</b>	233 Flinders Street East Townsville QLD 4810	PO Box 5804MC Townsville QLD 4810	T +61 7 4771 5550 F +61 7 4771 5152

